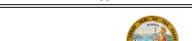
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



Arnold Schwarzenegger, Governor

Contract #: 04-0120F4

Cty: SF/ALA Rte: 80 PM: 13.2/13.9

File #: 69.28

WELDING INSPECTION REPORT

Resident Engineer: Pursell, Gary **Report No:** WIR-005227

Address: 333 Burma Road **Date Inspected:** 18-Jan-2009

City: Oakland, CA 94607

OSM Arrival Time: 645 **Project Name:** SAS Superstructure **OSM Departure Time:** 1845 **Prime Contractor:** American Bridge/Fluor Enterprises, a JV

Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name: CWI Present: Yes Chen Chih Ming No **Inspected CWI report:** Yes N/A **Rod Oven in Use:** Yes No No N/A N/A **Electrode to specification:** Yes No Weld Procedures Followed: Yes No N/A N/A **Qualified Welders:** Yes No **Verified Joint Fit-up:** Yes No N/A N/A Yes N/A **Approved Drawings:** Yes No **Approved WPS:** No Yes No N/A **Delayed / Cancelled:**

Bridge No: 34-0006 **Component: OBG** Segments

Summary of Items Observed:

On this date CALTRANS OSM Quality Assurance (QA) Inspector Dan Hernandez was present during the times noted above for observations relative to the work being performed.

This QA Inspector observed the following work in progress:

Bay 13 OBG Assembly

Segment 2BW

Shielded Metal Arc Welding (SMAW) of weld joint SEG009A-007, 008 located on SP174A to BP195A and SP108A to BP195A. Welder is identified as 067765. ZPMC QC is identified as Zhang Xian Ji. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Segment 2AE

Shielded Metal Arc Welding (SMAW) of weld joint FB064-003-009, 040 located on FB064. Welder is identified as 055564. ZPMC QC is identified as Zhang Xian Ji. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Segment 5BE

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

Shielded Metal Arc Welding (SMAW) of weld joint SSD016-PP032-004 located on PP32. Welder is identified as 201087. ZPMC QC is identified as Wang Jie. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Bay 14 OBG Assembly

Segment 6CW

Flux Cored Arc Welding (FCAW) of weld joint SEG031B-006 located on SP517B to SP755B. Welder is identified as 045175. ZPMC QC is identified as Wu Bin. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Segment 7CE

Submerged Arc Welding (SAW) of weld joint SEG038A-005 located on SP312A to SP339A. Welder is identified as 062406. ZPMC QC is identified as Wu Bin. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang, 150-0042-2372, who represents the Office of Structural Materials for your project.

| Inspected By: | Hernandez,Dan | Quality Assurance Inspector |
|---------------|------------------|-----------------------------|
| Reviewed By: | Clifford,William | QA Reviewer |